

Title (en)

Apparatus for evaluating the degree of wear of vehicle tyres.

Title (de)

Einrichtung zur Bestimmung des Abnutzungszustandes von Fahrzeugluftreifen.

Title (fr)

Dispositif pour évaluer le degré d'usure des pneumatiques de véhicules.

Publication

**EP 0469948 B1 19951011 (FR)**

Application

**EP 91401980 A 19910716**

Priority

FR 9009419 A 19900724

Abstract (en)

[origin: EP0469948A1] The present invention relates to an apparatus for measuring "at random" the depth of the profiles 2 on the tread 12 of a vehicle tyre 3 when it passes over a specific road section 4, comprising at least one open trench 5 made in the road section level with the assumed passage of the tyre, the trench opening out onto the road section by way of at least one aperture 6, at least one light source 7 arranged in the trench 5 so as to transmit a light beam 8 towards the aperture 6 at a non-zero angle with the surface of the road section, a photosensitive sensor 14 capable of picking up the beams emitted by the light spot which the beam forms on the tread of the tyre when it passes over the aperture and of supplying a signal representing the beams emitted by the light spot, and means 31 for processing the signal and for deducing from it the depth of the profiles on the tread of the tyre. <IMAGE>

IPC 1-7

**G01B 11/22**; **G01M 17/02**

IPC 8 full level

**G01B 11/22** (2006.01); **G01N 3/06** (2006.01)

CPC (source: EP)

**G01B 11/22** (2013.01); **G01N 2203/0647** (2013.01)

Cited by

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Designated contracting state (EPC)

BE DE ES FR GB IT NL

DOCDB simple family (publication)

**EP 0469948 A1 19920205**; **EP 0469948 B1 19951011**; DE 69113712 D1 19951116; DE 69113712 T2 19960530; FR 2665255 A1 19920131

DOCDB simple family (application)

**EP 91401980 A 19910716**; DE 69113712 T 19910716; FR 9009419 A 19900724